

KIT INSTALLATION MANUAL

CONVERSION LED LIGHTING DOMESTIC

SAFETY INSTRUCTIONS



WARNING:

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL



WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:



WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.



CAUTION:

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

**Table 1: 629097617 - KIT conversion LED Lighting ED/DF 1XX Domestic**

Part Number	Description	Qty
620057649-018	PWR-SUPPLY 24VDC 20W LED ASSY	1
320271000	SCREW TC 06-32 PAPH 12 STZI	4
70215	SCREW SM 08 TB HXWS 08	4
620064030-002	LIGHT TUBE 18" 8W 24VDC	1
620064161	CLIP RETAINING LED LIGHT BAR	2
620064160	ADAPTER PLATE LED DRIVER	1
620064162	ADAPTER PLATE STARTER SOCKET	1
620064040-001	HARNESS LED JUMPER	1
620065961	LABEL WIRING ED/DF 1XX	1

Table 2: 629097618 - KIT conversion LED Lighting ED/DF 2XX Domestic

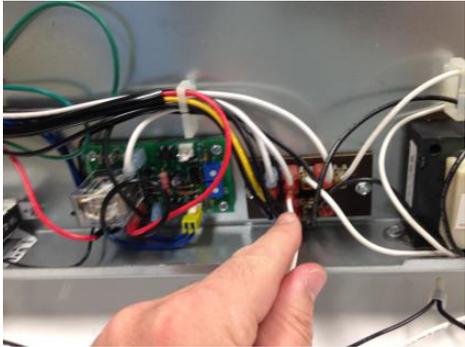
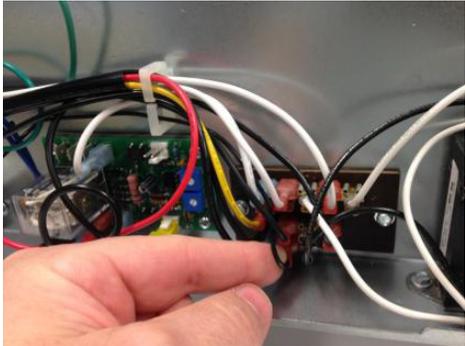
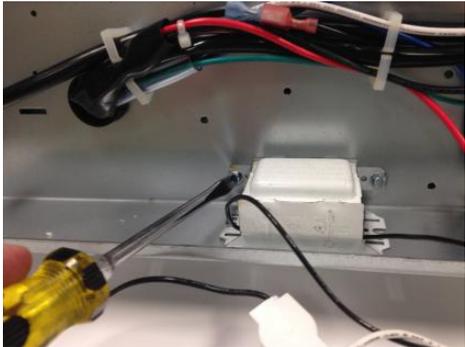
Part Number	Description	Qty
620057649-018	PWR-SUPPLY 24VDC 20W LED ASSY	1
320271000	SCREW TC 06-32 PAPH 12 STZI	4
70215	SCREW SM 08 TB HXWS 08	4
620064030-001	LIGHT TUBE 24" 10W 24VDC	1
620064161	CLIP RETAINING LED LIGHT BAR	2
620064160	ADAPTER PLATE LED DRIVER	1
620064162	ADAPTER PLATE STARTER SOCKET	1
620064040-001	HARNESS LED JUMPER	1
620065965	LABEL WIRING ED/DF 2XX	1

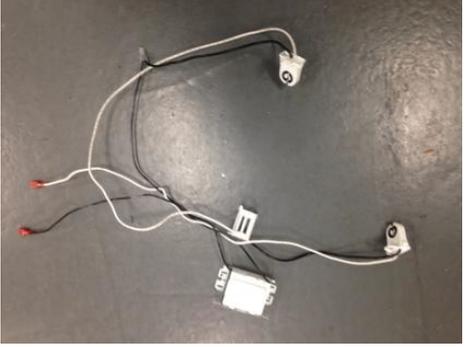
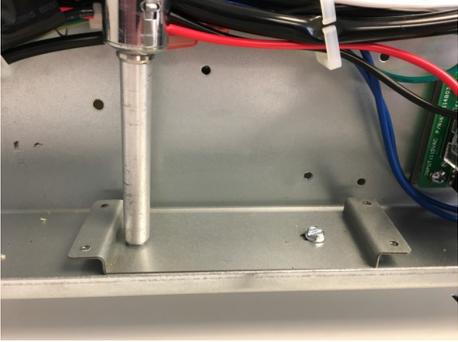
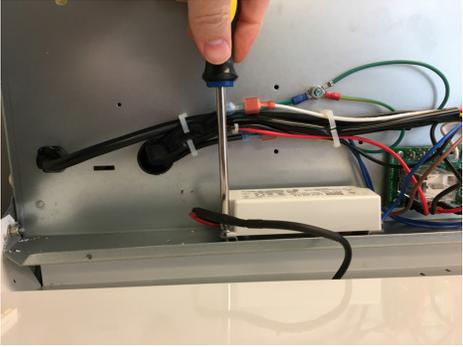
Table 3: 629097619 - KIT conversion LED Lighting ED/DF 3XX Domestic

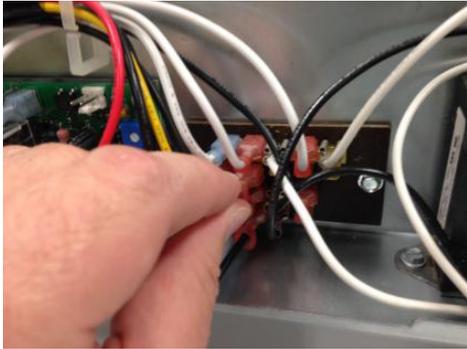
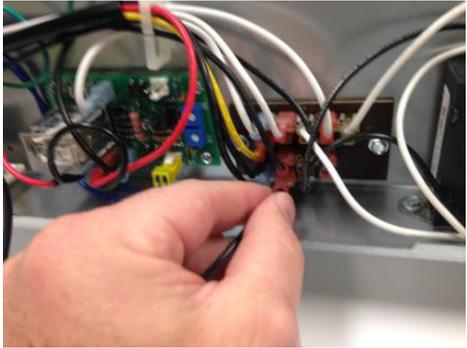
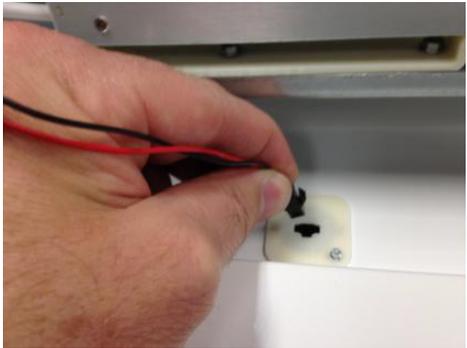
Part Number	Description	Qty
620057649-018	PWR-SUPPLY 24VDC 20W LED ASSY	1
320271000	SCREW TC 06-32 PAPH 12 STZI	4
70215	SCREW SM 08 TB HXWS 08	8
620064030-002	LIGHT TUBE 18" 8W 24VDC	2
620064161	CLIP RETAINING LED LIGHT BAR	4
620064160	ADAPTER PLATE LED DRIVER	1
620064162	ADAPTER PLATE STARTER SOCKET	2
620064040-001	HARNESS LED JUMPER	1
620065961	LABEL WIRING ED/DF 3XX	1

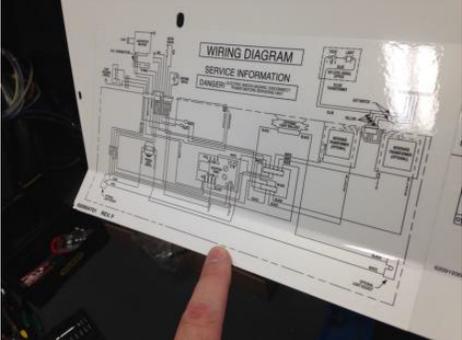
FOLLOW THE BELOW STEPS FOR INSTALLATION:

<p>1.</p>	<p>Remove front cover from unit.</p>	
<p>2.</p>	<p>Remove the Fluorescent bulb.</p>	
<p>3.</p>	<p>Remove Starter from socket.</p>	
<p>4.</p>	<p>Open the E-Box to access the connectors.</p>	

5.	Remove white socket return wire from jumper board.	
6.	Remove black ballast wire from jumper board.	
7.	Remove Ballast from E-box.	
8.	Remove bulb sockets by squeezing retention tabs and carefully pulling socket from reflector.	

9.	Remove Starter Socket from Reflector.	
10.	Remove Fluorescent Lighting assembly from unit and discard.	
11.	Install adapter bracket for LED Driver using the P/N 70215 screws provided.	
12.	Install LED Driver Assembly to adapter bracket using P/N 320271000 screws provided.	

<p>13.</p>	<p>Install White driver wire to jumper board.</p>	
<p>14.</p>	<p>Install Black driver wire to jumper board.</p>	
<p>15.</p>	<p>Install starter socket adapter plate using the provided P/N 70215 screws. (Pop Rivets are acceptable).</p>	
<p>16.</p>	<p>Insert LED driver assembly into cut-out in starter socket adapter plate.</p>	

17.	Install LED support brackets into reflector.	
18.	Remove current circuit schematic label and replace with one provided.	
19.	Close E-box and re-install screws.	
20.	Snap LED Panel into support sockets.	

21.	Connect Jumper Harness to LED Panel.	
22.	Connect Jumper Harness to Driver output connector.	
23.	Re-install merchandiser and Hipot Test Equipment	

FIGURE 1. ED150 Unit after conversion.



FIGURE 2. ED175 Unit after conversion.



FIGURE 3. ED200 Unit after conversion.

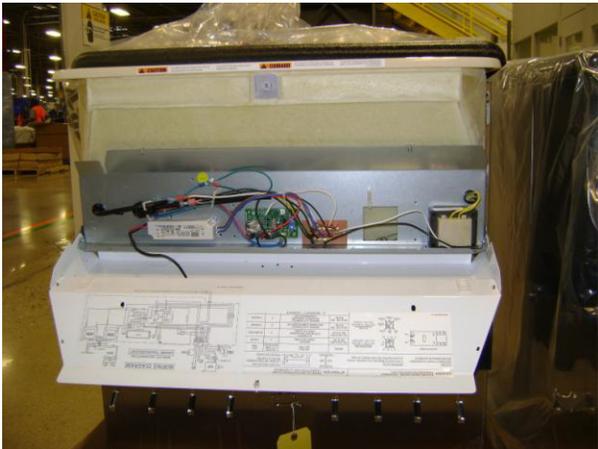


FIGURE 4. ED250 Unit after conversion.

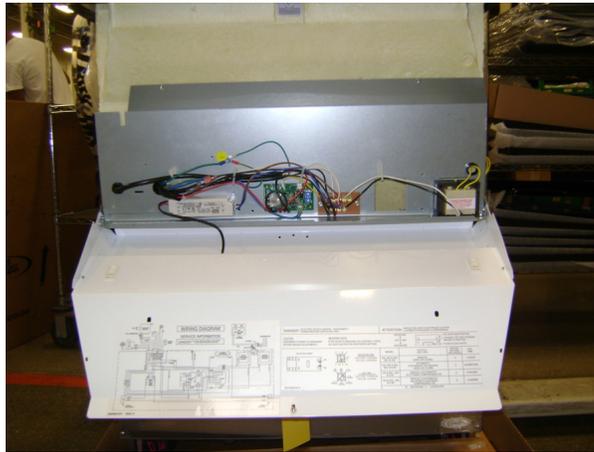


FIGURE 5. ED300 Unit after conversion.

